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# 5 AGRICULTURAL LIBRARIES INFORMATION NOTES

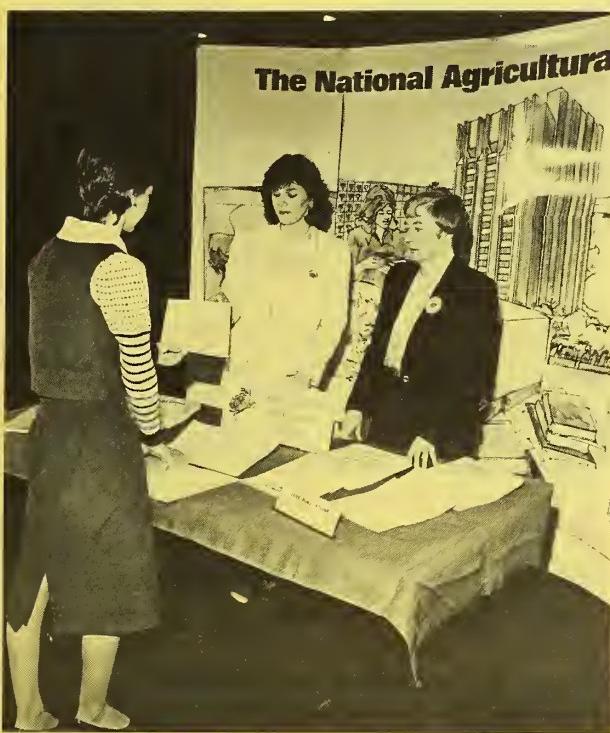
National Agricultural Library

U.S. Department of Agriculture  
Beltsville, Md. 20705

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## INFORMATION CENTERS: IN TOUCH WITH AGRICULTURE



What, you may be wondering, is the impetus behind the creation of these centers and more importantly, how will the services offered by these and other centers anticipated by NAL differ from those the Library has traditionally provided?

"As a dynamic organization NAL is continually searching for ways to enhance its responsiveness to our current clientele and in the process reach new user groups," explains Joe Howard, NAL Director. "With the provision of some extra positions from Congress and the hope for more in the future, NAL foresaw an opportunity to increase the quantity and quality of its services on an incremental basis."

To help accomplish this goal, NAL decided to create information centers on various subjects and in doing so work with support

Debbie Hanfman, Aquaculture Info. Center Coordinator (l.), distributes literature at the Int'l. Assoc. of Marine Science Libraries and Info. Centers conference as Jean Bellows, fellow reference librarian, looks on. (Photo by Bill Carnahan)

Say the words food irradiation, aquaculture, biotechnology, and critical agricultural materials at the National Agricultural Library (NAL) these days and you will likely be directed to an information center by the same name.

The formation of information centers at the NAL in recent months has generated both excitement and curiosity in the agricultural community.

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groups in industry, Federal and State agencies, and the scientific community to establish these Centers as national focal points for information dissemination activities. "The Library's unparalleled collections," comments Howard, "provide the bibliographic foundation from which these Centers can grow."

Recognizing that agriculture is a broad-based discipline, several factors have determined what subjects will initially be covered. These include:

- Congressional mandate
- Priorities within the U.S. Department of Agriculture
- Availability of subject expertise on NALs staff
- Financial support and interest by agricultural trade and professional organizations.

While information centers are not physically isolated units--materials are housed at NAL within the regular collection--the designation of a topic as an information center will effect increased activity on several fronts including:

- Collection Development - Strengthen the identification and acquisition of new books, journals, audiovisual materials, and computer software. Locate and acquire outstanding historical collections and oral histories that will help enrich the national collection. Enter these acquisitions into AGRICOLA and other computer data base systems, making publications available nationally and internationally through interlibrary loan.
- Information Products - Develop consumer/researcher finding aids such as directories of experts, institutions, associations, and current research as well as guides to the literature such as subject bibliographies and pathfinders.
- Outreach - Increase the awareness of NAL products and services through presentations to interested

organizations, attendance at professional meetings and trade shows, specialized brochures and pamphlets, and traveling exhibits.

- Public Services - Provide expanded information services for responding to consumer and scientific inquiries through appointment of one or more NAL staff to coordinate a Center's response network.



Food Irradiation Center coordinator Carole Shore, reviews NAL collections as part of Center's expanded collection development activities.

#### Information Centers at a Glance

Since the introduction of the information centers concept several centers have been established and are operational. Some of the varied activities of these centers are highlighted below:

#### Food Irradiation

Coordinator: Carole Shore, Room 304, NAL, (301) 344-3719

Formed in response to growing government and industry interest in the use of radiation for food preservation and treatment. Efforts to centralize and enhance access to the large body of food irradiation materials in existence has resulted in the acquisition of several important collections representing food irradiation research conducted by leading authorities from 1945-84. Other government

agencies are also being contacted to obtain their toxicological studies on food irradiation.

The Center is now working with the Agricultural Research Institute's Special Committee on Irradiation Processes for Agricultural Products, the Coalition for Food Irradiation, and other organizations to identify sources of potential support. The Coalition, headed by Dr. Harry Mussman, executive vice-president of the National Food Processors Association, is a broad-based group of food industry, consumer, and technical interests formed to educate the public and inform Congress and the regulatory agencies on the food irradiation process.

#### Aquaculture

Coordinators: Debbie Hanfman and Lee Decker, Room 111, NAL, (301) 344-3704

Predicated on the National Aquaculture Act of 1980 calling for the establishment and maintenance of an information service for aquaculture, this Center is steadily expanding its resources. Recent activities have included:

- The acquisition of microfiche copies of the sizeable collection of the Virginia Institute of Marine Science (VIMS) collection on aquaculture.
- An arrangement with the National Oceanic and Atmospheric Administration (NOAA) and FAO's Aquatic Sciences and Fisheries Information System (ASFIS) whereby all indexing of aquaculture information would be done under the supervision of ASFIS. This will eliminate expensive duplication of work. ASFIS will also provide NAL with a free copy of all documents (not already part of NAL's collection) indexed anywhere in the world.

In the coming months the Center will concentrate on the continued evaluation of aquaculture collections for

possible acquisition, the production of several specialized information products, and meeting with national and international aquaculture organizations.

#### Biotechnology

Coordinators: Jean Bellows and Susan Whitmore, Rm. 111, NAL, (301) 344-3704

Center formed as part of a continuing effort to complement and support research priorities in U.S. agriculture. Still in its "embryonic" stages, Center staff will be working to ensure that all relevant biotechnology literature is indexed and accessible worldwide through appropriate bibliographic services. For USDA personnel, keeping posted on recently published biotechnology literature is possible through a CALS (Current Awareness Literature Service) system search of Telegen--a database of scientific, technical, and socioeconomic information related to genetic engineering and biotechnology. Full-text documents from Telegen in either hardcopy or microfiche can be furnished to USDA and non-USDA users. Immediate plans call for preparation of a seminar and brochures describing the Center and its services, publication of subject bibliographies, and aggressive evaluation of NAL holdings in biotechnology.

#### Critical Agricultural Materials

Coordinators: Jerry Rafats, Evelyn Brownlee, Room 111, NAL, (301) 344-3704

Center's focus is on the use of domestically produced agricultural products which have the potential for providing industrial materials of vital importance to the economy, the defense, and the general well-being of the Nation. Considerable progress in enhancing NAL coverage of critical materials literature has been made with the help of the Arid Lands Information Center (ALIC) at the University of Arizona. Through a cooperative agreement the identification, acquisition, cataloging, and indexing of newly published materials will be performed by area experts. Also, non-copyrighted materials from the extensive guayule and jojoba collection

at ALIC have been microfiched and indexed with the support of the USDA Office of Critical Materials. Center staff are cooperating with the USDA Office of Critical Materials to provide information about this important topic. Several subject bibliographies have been developed and other information products are planned for the future. The Office, established pursuant to the provisions of The Critical Materials Act, PL 98-284, serves as a central location addressing agency research and development of agricultural crops having the potential of producing materials for strategic and industrial purposes.

#### Food and Nutrition (FNIC)

Coordinator: Robyn Frank, Rm. 304,  
NAL, (301) 344-3719

This highly successful center established in 1971 serves as a model for new information centers. The services of the Center include: providing reference services (including referral service and computer searches of major databases when necessary), serving as a national demonstration center for food and nutrition microcomputer software, lending of books and audiovisuals, and providing photocopies of journal articles.



Model information center established in 1971. (Photo courtesy Food and Nutrition Service)

Over the years, several selected bibliographies have been published. As a result of two of these publications, FNIC has become the national depository of all training and education materials developed by the Supplemental Feeding Program for Women, Infants, and Children (WIC) and the Nutrition Education and Training (NET) Program.

#### **Future Centers**

The identification of high priority topics for inclusion in the information centers program is an ongoing process. Suggestions and recommendations are considered from all sources. Centers now in the planning stages include Alternative Farming Systems, Fibers, Horticulture, and the Family.

#### How You Can Help

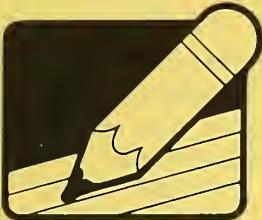
At the present time, much of the work of the information centers is being accomplished with existing NAL staff and funds. Additional resources will enable NAL to expand its activities even further. Assistance for present and projected information centers is also needed in the following areas:

**Publications** - Check with your publications office and/or librarian to be sure we are receiving all of your publications.

**Serial Holdings** - Librarians and technical information specialists, send your latest serial holdings list related to the Information Centers in your subject speciality.

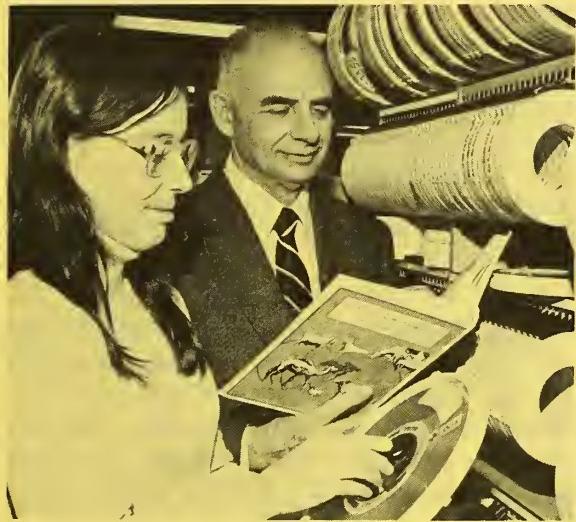
**Special Collections and Events** - If you are aware of individuals or groups who are interested in donating archival collections or sponsoring special events or exhibits, direct them to an appropriate information center.

If you are in a position to help or if you have questions, comments, or suggestions, contact an Information Center Coordinator or the Education and Information Staff at (301) 344-3937. 



## NAL PROJECTS AND POLICIES

### FEED COMPOSITION DATA BANK OPENS FOR BUSINESS



Howard Lloyd and Jenny Hoerst of the Feed Composition Data Bank (FCDB) discuss latest feed table on horse nutrition. (Photo by Bill Carnahan)

The Feed Composition Data Bank (FCDB) is now operational at NAL. The data bank is one of the most complete compilations of data on feedstuffs in the world, containing information on more than 23,000 feeds. The FCDB exchanges feed composition information within the International Network of Feed Information Centers (INFIC), and, since its transfer to NAL in June, it has grown rapidly through utilizing the extensive collection of research papers available at the Library.

The data bank provides a full range of feed composition tables. Many can be customized to meet individual requests for energy and proximate components, vitamin composition, protein constituents, anti-nutrients and toxicants, and energy utilization by

animal species. The NAL also offers several FCDB publications which are available for purchase.

The FCDB relies heavily on current research for its nutrient information collection activities. The Library actively seeks any data contributions from researchers in the feedstuffs community--government as well as industry.

The FCDB staff welcomes the opportunity to exchange feedstuffs information and disseminate feed composition tables. For further information contact, the Feed Composition Data Bank, Information Systems Division, National Agricultural Library, Beltsville, Maryland 20705, (301) 344-3813. 

### PUBLICATION OF NAL CATALOG SUSPENDED

Rowman & Allanheld, a division of Littlefield, Adams & Company, publishers of the National Agricultural Library Catalog, are suspending publication of the Catalog after the December, 1985 issue. That issue should reach subscribers late in 1986. Rowman & Allanheld will continue to maintain stock on hand for some time, to fill requests for back issues.

NAL wants users of the published Catalog to be aware of alternate sources for information about the materials it collects. The NAL catalogs the books and journals it receives using OCLC, a nationwide online cataloging system. Over 4,000 libraries share access to the OCLC data base. The NAL also indexes articles from many of the scientific journals it obtains. This indexing, together with NAL cataloging, is included in the AGRICOLA data base.

AGRICOLA may be searched by subject as well as author or title, in either of two commercial online information retrieval systems, BRS and DIALOG. In addition, the NAL is actively planning the use of other advanced technologies, including laser discs, for dissemination of its data bases in 1986.

The Bibliography of Agriculture, published by ORYX Press, currently prints all of the citations to journal articles indexed by NAL in the AGRICOLA data base. Beginning with the January 1986 issue of that publication, ORYX Press intends to also include citations for monographs (but not serials) cataloged by the NAL. While the citations will not appear in the same catalog card format in which they were displayed in the printed National Agricultural Library Catalog, most of the items which would have appeared in the printed catalog will be accessible in the Bibliography.

For more specific information you may wish to get in touch with one or more of the vendors listed above or contact Sarah Thomas, Chief, Technical Services Division, NAL, Rm. 100, (301) 344-3834.



#### NAL OFFERS PRE-CONFERENCE TOUR

The National Agricultural Library will be sponsoring a day-long tour of its facilities and the Beltsville Agricultural Research Center (BARC) in conjunction with the Association of College and Research Libraries (ACRL) Fourth National Conference, April 9-12, Baltimore, Maryland.

The tour is scheduled for Tuesday, April 8, 1986--8:00 a.m.-3:30 p.m. and is available free of charge.

Participants will board a bus at 8:00 a.m. at the Pratt Street entrance to the Baltimore Convention Center. The bus will depart Beltsville for return to Baltimore at 3:30 p.m.

If you wish to attend this tour, send your name, address, and telephone number by March 24, 1986, to:

Maria G. Pisa, Leader  
Special Services & Communications  
Room 203  
National Agricultural Library, USDA  
Beltsville, MD 20705



#### NAL LAUNCHES LASER DISC II

NAL is about to embark on its second project utilizing laser videodisc technology. Within the next few months, NAL will be mastering a laser disc containing 13 different USDA and State Extension Service publications. The disc will include the full digitized text plus associated graphics for each publication.

The selected publications, which include such popular titles as Agricultural Statistics, Wood Handbook, Home Canning Handbook, Extension Goat Handbook, and the Directory of Professional Workers in State Agricultural Experiment Stations, represent a varied cross-section of subject, text, and graphic material and machine readable formats.

As with the original laser videodisc evaluation project which utilized the Pork Industry Handbook, NAL will make the new disc widely available within the agricultural community. However, unlike the earlier project, the Library is unable to support the cost of hardware and software.

Interested groups and organizations are invited to participate in the use of the second disc with the understanding that NAL will provide only the disc.

Those wishing to participate in the project are asked to provide their own hardware and software. To assist you in the cost assessment, the following is a list of hardware and software that is necessary to use the new laser videodisc:

<u>ITEM</u>	<u>COST</u>
IBM PC-XT, 512 kbytes of memory with monitor and mono adapter card	\$ 4,000
Pioneer LDV-1000 Videodisk Player	900
LaserData Trio 110 Controller with Interface Card	3,200
Panasonic TR124 Monochrome Display Monitor Printer	200
PCIX Operating System	1,000
BRS Search	1,000
	\$10,300

We recognize that this cost is high, but anticipate that many libraries will already own some portion of the hardware and software.

Current plans call for processing the 13 publications and mastering the disc by Spring 1986. We would ask each participating institution to provide feedback as to the effectiveness of the disc for the dissemination of agricultural information. For further information contact Pamela Q.J. Andre, Chief, Information Systems Division, NAL, 5th Floor, Beltsville, MD 20705, (301) 344-3813. 

#### AGRICULTURAL DATABASES DIRECTORY PUBLISHED

Agricultural Databases Directory, an index to over 400 computer readable database systems relating to agriculture, has been published by NAL.

The Directory was produced through a cooperative agreement by the staff of the Information Retrieval Research Laboratory (IRRL) at the University of Illinois under the direction of Professor Martha E. Williams. Compiled in conjunction with the preparation of a larger database directory entitled Computer-Readable Databases: A Directory and Data Sourcebook (CRD), the Directory contains records that do not appear in CRD. For the most part these are databases produced by extension services. Contacts with nearly 60 directors of extension services were made to obtain publicly available databases produced by them.

The publication is Number 42 in the Bibliographies and Literature of Agriculture (BLA) series of the U.S. Department of Agriculture. Copies are available for purchase from the National Technical Information Service, 5285 Port Royal Road, Springfield, VA 22161. Telephone: (730) 497-4780. Report No.: PB86-120789/AS. Cost: \$22.95 (paper copy) and \$5.95 (microfiche). 

#### HALL OF FAME RELOCATED AS FIRST STEP IN EXPANDING POULTRY INFORMATION RESOURCES



Portraits of Andrew Christie (1888-1964), breeder of a broiler strain of New Hampshire chicken and Kathryn B. Niles (1898-1970), creator of over 10,000 egg, chicken, and turkey recipes, are part of the Poultry Hall of Fame recognizing persons for achievement in the industry.

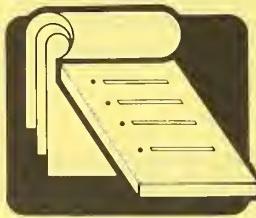
The Poultry Hall of Fame, housed in the NAL's reading room since 1972, has been relocated to NAL's second floor executive offices. The special collection of portraiture recognizes persons for outstanding achievement and leadership in the poultry industry.

The new location will allow for centralized access to the collection, as well as future expansion. In addition, the improved vantage point will provide an ambiance from which to reflect on the people who, in the short space of half a century, brought the poultry industry from a small farm operation to its present status as one of the most modern, scientific, and rapidly-growing segments of agriculture.

The American Poultry Historical Society (APHS), sponsors of the Poultry Hall of Fame, and the Library have long cooperated to collect, disseminate, and preserve information about the development of the poultry industry in America. In 1971, the National Agricultural Library received the James M. Gwin Poultry Collection of over 1,000 volumes--the personal working library of Dr. Gwin, a former professor of Poultry Husbandry and director of the Extension

Service at the University of Maryland. Most recently, the NAL and the APHS exhibited jointly at the Southeastern Poultry & Egg Association Trade Show in Atlanta.

The Library is now seeking support to process and enter into AGRICOLA the bibliographic records of the Gwin collection, and to preserve this outstanding collection from acid deterioration. Inquiries and suggestions may be sent to Dr. Alan Fusonie, Special Collections, NAL, 14th Floor, (301) 344-3876. 



## NEW SERIALS RECEIVED AT NAL

CONTEMPORARY ISSUES IN SMALL ANIMAL PRACTICE. New York, NY, Churchill Livingstone. irr. Vol. 1 (1985)- SF601.C64

INVESTIGATIVE MICROTECHNIQUES IN MEDICINE AND BIOLOGY. New York, NY, Dekker. irr. Vol. 1 (1984)- QH324.158

IRRI HIGHLIGHTS. Los Banos, Laguna, International Rice Research Institute. a. (1984)-

SB191.R5153

JAPAN ECONOMIC ALMANAC. Tokyo, The Japan Economic Journal. a. (1985)- HC461.A116

LETTERS IN APPLIED MICROBIOLOGY. London, England, Society for Applied Bacteriology, Blackwell Scientific Publications. irr. Vol. 1, no. 1 (1985)- 

## QUICK BIBLIOGRAPHIES

The bibliographies in this series are primarily computerized online or batch bibliographies emanating from searches performed by the NAL reference staff in response to customer requests. Searches are selected for inclusion based on the currency of the topic, interest among clientele, relative length and probable value to a larger audience. Revisions or updates will be renumbered and reannounced. Only one copy of a title will be sent; however, requesters may make copies. To request a copy of a Quick Bibliography send the title, series number, and a return addressed label to:

Reference Branches, Room 111  
National Agricultural Library  
Beltsville, MD 20705

NAL--Q.B.--86-19. INTEGRATED PEST MANAGEMENT. 192 citations from AGRICOLA. English only. Searched by Jayne T. MacLean. November 1985. Updates 84-33.

NAL--Q.B.--86-20. URBAN HORTICULTURE. 160 citations from AGRICOLA. English only. Searched by Jayne T. MacLean. November 1985. Updates 84-37.

NAL--Q.B.--86-21. LEGUMES IN CROP ROTATIONS, 1979-85. 127 citations from AGRICOLA. English only. Searched by Jayne T. MacLean. December 1985. Updates 84-10.

NAL--Q.B.--86-22. HYDROPONICS/NUTRIENT FILM TECHNIQUE, 1979-85. 187 citations from AGRICOLA. English only. Searched by Henry Gilbert. December 1985.

NAL--Q.B.--86-23. ACID RAIN, 1983-85. 391 citations from AGRICOLA. English only. Searched by Sheldon Cheney. December 1985. Updates 83-18.

NAL--Q.B.--86-24. KILLER BEES/AFRICANIZED BEES, 1970-85. 267 citations from AGRICOLA. Languages none excluded. Searched by Sheldon Cheney. December 1985.

NAL--Q.B.--86-25. URBAN FORESTRY, 1983-85. 254 citations from AGRICOLA. English only. Searched by Jayne T. MacLean. January 1986. Updates 84-19. 



## STAFF UPDATE

### NEW BRANCH HEADS NAMED IN PUBLIC SERVICES DIVISION

Two key appointments in the Public Services Division were announced recently. Elizabeth Goldberg reported for work November 25 as the head of the Farming and Forestry Reference Branch.

In assuming her new position, Ms. Goldberg becomes the first permanent head of Farming and Forestry--a unit created as a result of the reorganization of the reference function into agricultural subject areas. She replaces Jennie Brogdon who served as acting head.

Ms. Goldberg comes to NAL from the U.S. Consumer Product Safety Commission where she had been Chief, Library and Information Services Branch since 1982. She holds a B.A. degree from the University of Washington, Seattle, and an M.L.S. from the University of Illinois, Urbana. As part of her new duties, she will be concentrating on the continued development of AGRICOLA training programs, and serving on the NAL Marketing Committee.



Carol Ditzler was appointed head of the Lending Branch, effective December 9. Ms. Ditzler had served as assistant head of the Circulation and Control Section at



E. Goldberg

the National Library of Medicine since 1984 after holding positions of increasing responsibility at that institution since 1980. She earned her B.A. and M.L.S. degrees at Florida State University, Tallahassee. As head of NAL's lending, bindery, and stacks operations, several projects expected to occupy Ms. Ditzler's immediate attentions include an intensive examination of present lending policies and procedures, evaluating the use of new technologies for receiving requests, and enhancing outreach activities to users.



### CORNELIUS "MAC" MCKISSICK RETIRES

When Cornelius "Mac" McKissick retired after 36 years of Federal service, all of it with the National Agricultural Library, the Department lost a valuable asset and NAL lost a sizable portion of its institutional memory.



C. McKissick

Mr. McKissick's career began with the Library when the entire operation was located in USDA's South Agriculture Building in Washington, D.C. Prior to passing the very tough Librarian exam, he served in both the Lending and Reference Branches. He has also served as NAL's liaison to both the Library of Congress and the 1890 land-grant universities. His expert knowledge of the collection enabled him to provide the complex research support necessary to the national and international agricultural community.

Official recognition of Mr. McKissick's outstanding performance during his years of service with NAL have included several quality within-grade increases, and most recently the Distinguished Service Award presented by the Associates of NAL, Inc.

Over 125 coworkers, friends, and patrons "Mac" has assisted over the years attended his retirement reception. We will surely miss him, but "Mac" said he could probably be found on the golf course or at his favorite fishing spot.  
(Photos by Dan Starr)





## NEW PUBLICATIONS OF NOTE

\*THE 1985 YEARBOOK OF AGRICULTURE, "U.S. AGRICULTURE IN A GLOBAL ECONOMY." Washington, D.C., U.S. Department of Agriculture. Analyzes U.S. agriculture interaction with the Nation's economy, its international trade functions, and how it is affected by apparently unrelated domestic policies. 1985. 410 p. \$10.00.

THE AMERICAN STANDARD OF PERFECTION (ILLUSTRATED). A COMPLETE DESCRIPTION OF ALL RECOGNIZED BREEDS AND VARIETIES OF DOMESTIC POULTRY. 1985. American Poultry Association, Inc. publishers. Price unknown. 336 p. Order from publisher, Box 351, R.D. #4, Troy, NY 12180.

\*\*\*AZALEAS. 1985. Fred Galle, Timber Press, 438 p. \$65.00.

\*\*BIBLIOGRAPHY OF AGRICULTURAL BIBLIOGRAPHIES, 1983. Beltsville, Maryland, U.S. Department of Agriculture, National Agricultural Library. A categorized listing of bibliographies indexed in the Library's database, AGRICOLA. Citations are arranged alphabetically by title within each section. An author index appears following the categorized citations. 1985. 288 p. (BLA No. 44). \$22.95. PB86-1280481/AS.

\*THE BRITISH MARKET FOR U.S. FOOD EXPORTS. Washington, D.C., U.S. Department of Agriculture, Economic Research Service. 1985. 38 p. (Foreign Agriculture Economic Report No. 210). \$2.25. S/N 001-019-00374-0.

\*\*\*DICTIONARY OF PLANT NAMES. 1985. Allen Coombes, Timber Press. 210 p. \$9.95.

\*\*DO USDA FARM PROGRAM PARTICIPANTS CONTRIBUTE TO SOIL EROSION. Washington, D.C., U.S. Department of Agriculture, Economic Research Service. April 1985. 85 p. (Report No. USDA/AER-532). \$11.95. PB85-199404.

\*\*IRRIGATION IN THE UNITED STATES. Washington, D.C., U.S. Department of Agriculture, Economic Research Service. April 1985. 74 p. (Report No. AGES-840815). \$11.95. PB85-195568/XAB.

\*\*\*MANUAL OF CULTIVATED CONIFERS. 1985. Gerd Krussman, Timber Press. 400 p. \$65.00.

\*A NEW METHOD TO ASSESS EFFECTS OF FOOD SUPPLY SHOCKS ON CONSUMPTION IN DEVELOPING COUNTRIES. Washington, D.C., U.S. Department of Agriculture, Economic Research Service. 1985. 47 p. (Technical Bulletin No. 1697). \$2.00. S/N 001-029-00363-2.

SMALL FARM SYSTEMS IN THE CARIBBEAN. 1985. Proceedings of the 10th Annual Meeting of the Caribbean Food Crops Society held October 21-26, 1984. \$15.00. Order from Editor, Caribbean Food Crops Society, Rt. 2, Box 10051, Kingshill, St. Croix, Virgin Islands 00850.

\*\*\*SULCOREBUTIA AND WEINGARTIA: A COLLECTOR'S GUIDE. 1985. John Pilbeam, Timber Press. 130 p. \$32.95.

\*\*WORLD DURUM PRODUCTION AND TRADE, APRIL 1985. Washington, D.C., U.S. Department of Agriculture, Foreign Agricultural Service. April 1985. 22 p. (Report No. FG-5-85). \$9.95. PB85-195337/XAB.

\*Order from Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. Tel.: (202) 783-3238.

\*\*Order from National Technical Information Service, Identification Section, 5285 Port Royal Road, Springfield, VA 22161. Tel.: (703) 487-4780. All titles listed are available in microfiche for \$5.95 each.

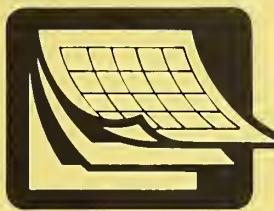
\*\*\*Order from International Specialized Book Service, P. O. Box 1632, Beaverton, OR 97075. Tel.: (503) 292-2606.

## SURPLUS PUBLICATIONS AVAILABLE

The following publications are surplus to the needs of the National Agricultural Library's collection. They will be made available to any interested organization that regularly sends free publications to NAL. This includes most Federal, land-grant, and agricultural research institutions as well as many others. Foreign institutions will need to provide a U.S. mailing address or make other special arrangements with U.S. sources for shipment of material.

If interested, please write to:  
National Agricultural Library, USDA,  
Attn: Gift and Exchange, Room 112,  
Beltsville, MD 20705, or call Susan  
Fugate, (301) 344-3732.

1. Analytical Chemistry - v. 30, 1958; v. 35, 1963.
2. Biochimica Et Biophysica Acta - v. 19, 1956 - v. 82, 1964.
3. Bulletin of Experimental Biology and Medicine - v. 73, 1972 - v. 86, 1978.
4. Forest Farmer - v. 24, 1965 - v. 32, 1972 (bound).
5. Forest Industries - v. 89, 1962 - v. 94 1967 (bound).
6. Journal of Farm Economics - v. 29, 1948; v. 30, 1949; v. 32, 1950 - v. 35, 1953; v. 40, 1958 - v. 50, 1968.
7. Proceedings - American Veterinary Medical Association - 1950-1955.
8. Proceedings of the Association of Official Seed Analysts of North America - 1923-1965.
9. Wood and Wood Products - v. 68, 1963 - v. 72, 1967 (bound). 



## AGRICULTURE DATEBOOK

February 2-5: The 1986 LANDSCAPE/GARDEN MANAGEMENT CLINIC. Louisville, KY, Galt House. Contact: NLA/GCA Management Clinic, 1250 I Street, N.W., Suite 500, Washington, D.C. 20005.

February 2-5: 83RD ANNUAL MEETING OF THE SOUTHERN ASSOCIATION OF AGRICULTURAL SCIENTISTS. Orlando, FL, Sheraton Twin Towers & Howard Johnson's Hotels. Contact: Leon McGraw, Southern Association of Agricultural Scientists, 1068 Terrace Acres, Auburn, AL 36830.

February 4-6: THE INAUGURAL AUSTRALIAN SORGHUM CONFERENCE. Queensland Agricultural, Brisbane, Australia. Contact: M.A. Foale, Cooper Laboratory, Lawes (Gatton) 4343, Australia. Tel.: (075) 621611.

February 12-13: FOURTH ANNUAL CONSERVATION TILLAGE CONFERENCE. Pocatello, ID. Contact: Mark Weatherstone, 130 S. State, Preston, ID 83263. Tel.: (208) 852-0562.

February 19-22: AMERICAN FEED INDUSTRY ASSOCIATION TOP MANAGEMENT CONFERENCE. Scottsdale, AZ, McCormick Ranch Inn. Contact: Barbara Estridge, AFIA, 1701 N. Ft. Myer Drive, Arlington, VA 22209.

February 23-24: 35TH ANNUAL AGRI-BUSINESS CONVENTION, Sioux City, IA, Hilton Inn. Contact: Quad State AgriBusiness Assoc., P. O. Box 341, Sioux City, IA 51102.

February 23-26: ANNUAL AGRIBUSINESS EXECUTIVE EDUCATION PROGRAM. London, England, Hyde Park Hotel. Contact: Administration Director, Agribusiness Seminar, Glass Hall, Harvard Business School, Boston, MA 02163.

United States Department of Agriculture

National Agricultural Library

Beltsville, Maryland 20705

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ERS REF CTR RM 147 GHI BLDG  
500 12TH ST SW B28  
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February 26-27: NATIONAL FEED  
INGREDIENTS ASSOCIATION. Rosemont  
(Chicago), IL, Hyatt O'Hare. Contact:  
NIFA, One Corporate Place, Suite 375,  
West Des Moines, IA 50265.

March 3-5: 28th ANNUAL NFAIS  
CONFERENCE. "Innovations in  
Information Delivery." Philadelphia,  
PA. Contact: NFAIS, 112 South  
Sixteenth St., Philadelphia, PA 19102.  
Tel.: (215) 563-2406.

March 3-6: AGRI-MATION 2 CONFERENCE  
AND EXPOSITION. Chicago, IL, Chicago  
Hilton Hotel. Contact: Agri-Mation 2,  
Society of Manufacturing Engineers, One  
SME Drive, P.O. Box 930, Dearborn, MI  
48121.

March 5-6: NATIONAL ALFALFA SYMPOSIUM.  
Ft. Wayne, IN, Marriott Hotel.  
Contact: David Petritz, Dept. of  
Agricultural Economics, Purdue  
University, West Lafayette, IN 47907.

March 11-13: 1986 AMERICAN PORK CONGRESS.  
St. Louis, MO, A.J. Cervantes Convention &  
Exhibition Center. Contact: Barbara  
Graves, APC, P. O. Box 10383, Des Moines,  
IA 50306.

March 17-21: SECOND INTERNATIONAL  
CONFERENCE ON THE APPLICATION OF  
MICRO-COMPUTERS IN INFORMATION  
DOCUMENTATION AND LIBRARIES. Baden-Baden,  
Federal Republic of Germany. Contact:  
Deutsche Gesellschaft fuer Dokumentation  
e.V. (DGD), Westendstrasse 19, D - 6000  
Frankfurt am Main 1, Federal Republic of  
Germany. 

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